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Declassification review by NIMA/DoD

TCS No. 4391/63
PID/IB-259/63
23 September 1963
Copy 1 of 2

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

25X1A ATTENTION :

[REDACTED]

S-009710

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Shang-Hai Railroad Study

REFERENCES : ORR Requirement No. C-RR3-80,540
CIA/PID Project No. C 1247/63

1. This memorandum is in partial answer to the above referenced requirement which requests a study of the railroad facilities in the port of Shang-Hai, Communist China. Information on the type and number of rolling stock and locomotives, location and size of freight yards and location of major freight terminals has been provided. A comparative study has been made wherever possible.

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2. The port of Shang-Hai and its present rail facilities are shown on the enclosed mosaic (CIA/PID/IB-P-526/63), which has been made from U.S. Target Mosaic - Series 50, Map Numbers S0492, 2/13ma, 2/14ma, 7/1ma and 7/2ma. Two overlays to this mosaic are also enclosed. Overlay No. 1 shows the additional track and yard facilities added since [REDACTED] and the abandoned trackage. Overlay No. 2 references the major railroad facilities in Shang-Hai. The facilities indicated on Overlay No. 2 are briefly described in the enclosed Table No. 1. A comparative locomotive and rolling stock count is shown on Table No. 2 using TALENT Mission [REDACTED]

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25X1A 3. The analyst on this project was [REDACTED] who may be contacted on extension 2546 should you have any further questions concerning this project. This is only a partial answer to the above referenced requirement.

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ENCLOSURES:

- 1 Photo Mosaic (CIA/PID/IB-P-526/63)
- 1 Table - Description of Rail Facilities
- 1 Table - Comparative Count of Rolling Stock

[REDACTED]

SHANG-HAI RAILROAD STUDY - Table No. 1

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Description of Rail Facilities
as shown on CIA/PID/IB-P-526/63
and referenced on overlay No. 2

RAIL FACILITY	TYPE OF INSTALLATION	DESCRIPTION
1	Plant Siding	Rail service to Shang-Hai Iron and Steel Plant No. 1.
2	Port Siding	Rail service to Shang-Hai Port Facilities North, consisting of 10 tracks with average lengths of 3500'.
3	Plant Siding & Classification Yard	Rail service to Shang-Hai Iron and Steel Plant No. 5 with a 7 track classification yard about 2500' long.
4	Classification Yard	8 tracks about 3500' long.
5	Port Siding	4 Sidings about 2000' long.
6	Freight Terminal	Point Island West Railroad Yard with transshipment facilities and 5 tracks about 2000' long.
7	Freight Terminal	Chiang-wan Railroad Yard with transshipment facilities and 8 tracks about 1500' long.
8	Plant Sidings and Classification Yard	Six plant sidings and a 5 track classification yard about 4000' long.
9	Car Storage Yard and Plant Siding	5 Plant sidings and a 3 track storage yard about 3000' long.
10	Plant Siding	A 3 track plant siding about 1500' long.
11	Passenger Station, Classification Yard, Freight Yard and Repair Shops	This is a large railroad complex which contains the main passenger terminal, large repair facilities for Cars and locomotives, transshipment areas, car storage areas, and a 7 track classification yard 9000' long.
12	Freight Terminal	Chen-Ju Transshipment Yard with 9 tracks about 1000' long.
13	Car Storage Yard and Plant Siding	Chen-Ju East Railroad Yard with 4 plant sidings and 12 tracks about 1500' long in the yard.
14	Classification Yard	Chen-Ju North Railroad Classification Yard with 6 tracks about 4000' - 4500' long.
15	Classification and Car Storage Yard	Nan-Hsiang Railroad Yard with car storage facilities and a 19 track classification yard with an average track length of about 5000'.

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RAIL FACILITY	TYPE OF INSTALLATION	DESCRIPTION
16	Car Storage Yard	A 4 track storage yard about 2500' long.
17	Car Storage Yard	A 3 track storage yard about 2500' long.
18	Freight Terminal & Port Siding	Shang-Hai Railroad Yard Lung-Hua with numerous storage and transshipment areas and sidings.
19	Freight Terminal & Plant Siding	Railroad Yard Southeast Lung-Hua serving Shang-Hai Iron and Steel Plant No. 3 with 7 tracks averaging 2000' in length.
20	Classification & Storage Yard	Railroad Yards Southwest Lung-Hua with a 7 track storage yard and a 19 track classification yard both average about 4000' long.

SHANG-HAI RAILROAD STUDY - TABLE NO. 2
Comparative Count of Rolling Stock

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RAIL		TYPES OF ROLLING STOCK						TOTALS			
FACILITY	YEAR	Locomo	Open	Closed	Flat	Tank	Pass				
See overlay		tives	Cars	Cars	Cars	Cars	Cars	Loco	Cars	Loco	Cars
No. 2											
CIA/PID/IB-P-526/63											
1								-	*		
		1s	16	-	-	-	-			1	16
2		1s	13	110				1	129		
		1s	13	164	-	1	-			1	178
3								-			
		1s	67	15	-	-	-		*	3	82
		2d									
4		-	23	25	-	4	-	-	52		
		3s	20	11	-	4	-			3	35
5		-	-	2	-	-	-	-	2		
		-	7	3	-	8	-			-	18
6									*		
		-	1	30	1	-	-			-	32
7		1d	4	6	-	-	-	1	10		
		-	14	12	3	-	-			-	29
8									*		
		-	17	56	9	-	-			-	73
9									*		
		1s	3	38						-	41
10									*		
		-	-	-	-	-	-	-		-	-
11		2d	153	185	42	12	60	2	452		
		5d,	90	87	17	-	128			21	322
		16s									
12									*		
		-	5	3	-	-	-			-	8
13		1d	9	62	-	-	10	1	81		
		-	8	20	-	-	-			-	28
14		-	70	4	9	-	-	-	83		
		5s	6	29	-	-	-			5	35
15		-	-	-	-	-	-	-	-		
		3s	155	116	8	-	-			3	279
16		-	-	-	-	-	-	-	-		
		-	-	-	-	-	-			-	-
17		-	-	37	-	-	-	-	37		
		-	-	-	-	-	-			-	-
18		-	41	67	2	-	-	-	110		
		1s,	90	35	10	-	-			2	135
		1d									
19									*		
		2d	15	6	-	-	-			2	21
20		1s	109	47	2	-	-	1	158		
		6s	119	75	22	7	14			6	237
Trains		1d	30	19	1	-	-	1	50		
Underway		3s	36	48	2	-	23			3	109
TOTALS		7	452	564	62	16	70	7	1164		
		51	682	748	63	24	165			51	1678

*New facility since

S-Steam Locomotive
D-Diesel Locomotive

25X1D

DRN

50492-2/14MA





PORT OF SHANG-HAI
COMMUNIST CHINA

3°14'N 121°28'E
PHOTOGRAPHY FOR MOSAIC FROM

CIA/PID/IB- P-526/63
Overlay No1 CIA/PID/IB-P-526/63
Overlay No2 CIA/PID/IB-P-526/63

25X1D

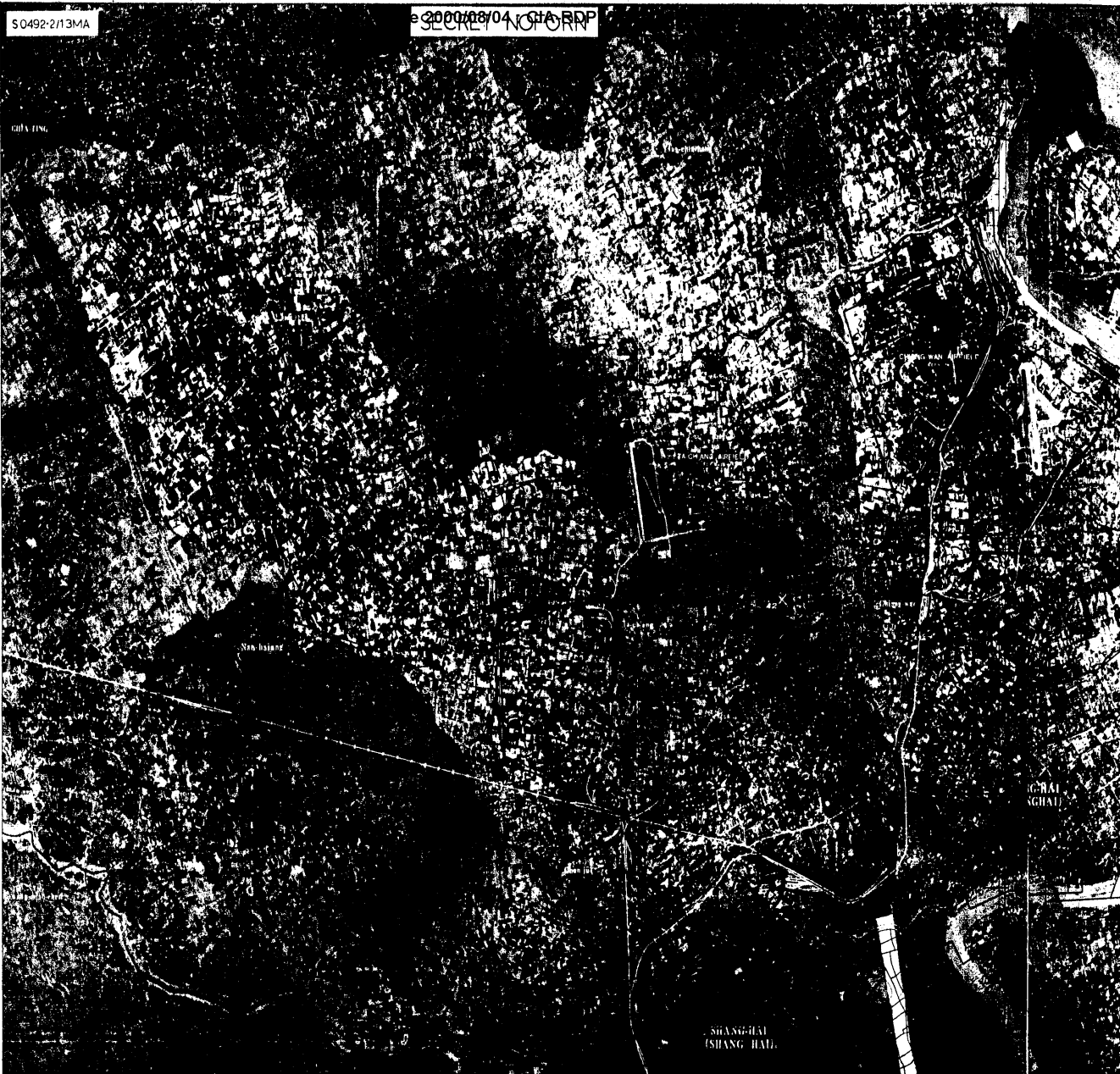
SECRET NOFORN

SO492-7/2MA

S 0492-2/13MA

300008/04 V STA RRP

CHINA



SHANGHAI
(SHANG HAI)